

# INTERNATIONAL SEARCH REPORT

Inte  
nal Application No  
PCT/GB2005/001102

**A. CLASSIFICATION OF SUBJECT MATTER**  
 IPC 7 A61F2/06 F15D1/06 B29C45/14

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
 IPC 7 A61F F15D B29C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 361 558 B1 (HIESHIMA GRANT ET AL) 26 March 2002 (2002-03-26) column 2, line 13 – line 37; figure 2A column 4, line 22 – line 38	1-3, 39
X	WO 03/053495 A (TRIVASCULAR, INC; CHOBOTOV, MICHAEL, V; STEPHENS, W., PATRICK) 3 July 2003 (2003-07-03) the whole document	31-33, 38
X	US 5 609 624 A (KALIS ET AL) 11 March 1997 (1997-03-11)	39
Y	the whole document	1-4, 10, 11, 14, 15, 20, 26, 29, 30
		-/-

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

\* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "&" document member of the same patent family

Date of the actual completion of the international search

7 July 2005

Date of mailing of the international search report

27/07/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL – 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Newman, B

**INTERNATIONAL SEARCH REPORT**

Inte	Application No
PCT/GB2005/001102	

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	EP 1 312 321 A (TAYSIDE FLOW TECHNOLOGIES LIMITED) 21 May 2003 (2003-05-21) the whole document -----	1-4, 10, 11
Y	DE 25 20 998 A1 (BROWN, BOVERI & CIE AG) 25 November 1976 (1976-11-25) the whole document -----	14, 15, 20, 26, 29, 30
Y	WO 01/28746 A (SVENSKA ROTOR MASKINER AB; SUNDSTROEM, MATS; TIMUSKA, KARLIS) 26 April 2001 (2001-04-26) the whole document -----	14, 15, 20, 26, 29, 30
Y	BAUGH J A ET AL: "FLEXIBLE AUGER" IBM TECHNICAL DISCLOSURE BULLETIN, IBM CORP. NEW YORK, US, vol. 19, no. 10, March 1977 (1977-03), page 3665, XP001173675 ISSN: 0018-8689 the whole document -----	14, 15, 20, 26, 29, 30
A	US 2002/179166 A1 (HOUSTON JOHN GRAEME ET AL) 5 December 2002 (2002-12-05) the whole document -----	1-13

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/GB2005/001102

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
US 6361558	B1	26-03-2002	US EP EP	6063111 A 1527756 A2 0947180 A2		16-05-2000 04-05-2005 06-10-1999
WO 03053495	A	03-07-2003	US US AU CA EP JP WO US US	2003116260 A1 6776604 B1 2002366805 A1 2468969 A1 1465685 A2 2005512687 T 03053495 A2 2005027347 A1 2004224047 A1		26-06-2003 17-08-2004 09-07-2003 03-07-2003 13-10-2004 12-05-2005 03-07-2003 03-02-2005 11-11-2004
US 5609624	A	11-03-1997	AU EP WO	7978594 A 0750481 A1 9510247 A1		04-05-1995 02-01-1997 20-04-1995
EP 1312321	A	21-05-2003	GB AU EP WO JP US	2369797 A 2002343051 A1 1312321 A2 03045278 A1 2005510292 T 2003120257 A1		12-06-2002 10-06-2003 21-05-2003 05-06-2003 21-04-2005 26-06-2003
DE 2520998	A1	25-11-1976	NONE			
WO 0128746	A	26-04-2001	DE EP JP WO WO US	60016796 D1 1237695 A1 2003512197 T 0128746 A1 0128747 A1 6849220 B1		20-01-2005 11-09-2002 02-04-2003 26-04-2001 26-04-2001 01-02-2005
US 2002179166	A1	05-12-2002	GB EP WO	2379996 A 1269935 A2 02098325 A2		26-03-2003 02-01-2003 12-12-2002